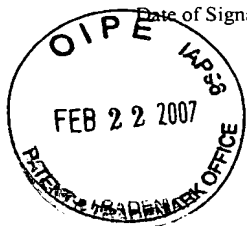


I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P O Box 1450, Alexandria, VA 22313-1450.

Date of Signature and Deposit: February 19, 2007

Bernett J. Berson, Reg. No. 37,094



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jonathan C. Makielski, *et al.*

Date: February 19, 2007

Serial No.: 10/632,342

Art Unit: 1646

Filing Date: August 1, 2003

Examiner: Michael D. Pak

Title: SODIUM CHANNEL ALPHA SUBUNIT  
VARIANTS

File No.: 960296.98989

Confirmation No.: 4060

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INFORMATION DISCLOSURE STATEMENT

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Mail Stop Amendment  
Commissioner for Patents  
P O Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed are completed forms PTO/SB/08a and PTO/SB/08b listing documents that Applicants wish to bring to the attention of the Examiner for consideration in connection with the examination on the merits of the above-identified application. The following are submitted in compliance with 37 C.F.R. §§ 1.97-1.98 and in accordance with 37 C.F.R. § 1.97(c). Where appropriate, copies of the necessary documents are enclosed in compliance with 37 C.F.R. § 1.98(a)(2).

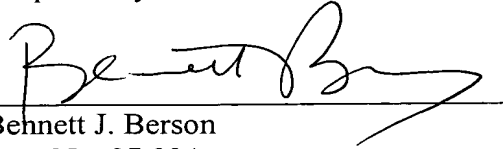
The information listed in the accompanying forms PTO/SB/08a and PTO/SB/08b and provided herewith may be material to the above-identified application and is submitted in compliance with the requirements of 37 C.F.R. §1.56.

02/23/2007 CCHAU1 00000011 170055 10632342  
01 FC:1806 180.00 DA

Fees

Please charge the fee according to 37 C.F.R. § 1.17(p), believe to be \$180.00, to Deposit Account No. 17-0055. No additional fees are believed due; however, if any fees are due, in this or any subsequent response, please charge Deposit Account 17-0055.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Bennett Berson", written over a horizontal line.

Bennett J. Berson

Reg. No. 37,094

Attorney for Applicants

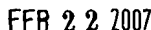
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Approved for use through 09/30/2006. OMB 0651-0031

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Substitute for form 1449/PTO

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/632,342
Filing Date	08-01-2003
First Named Inventor	Jonathan C. Makielski
Art Unit	1646
Examiner Name	Michael D. Pak
Attorney Docket Number	960296.98989

Sheet	1	of	2
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## U. S. PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/632,342
		Filing Date	08-01-2003
		First Named Inventor	Jonathan C. Makielski
		Art Unit	1646
		Examiner Name	Michael D. Pak
Sheet 2	of 2	Attorney Docket Number 960296.98989	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		BAROUDI, ET AL., "Novel Mechanism for Brugada Syndrome: Defective Surface Localization of an SCN5A mutant (R1432G)," Circ. Res. 2001; 88; 78-83,	
		HARTMANN, ET AL., "Effects of III-IV Linker Mutations on Human Heart Na <sup>+</sup> channel inactivation gating," Circ. Res. 1994; 75; 114-122.	
		YE, ET AL., "Third Complete Sequence of Human Cardiac Sodium Channel $\alpha$ Subunit hH1b Reveals Polymorphism in Domain I and II," Biophys. J. Mtg. Abst. (2001).	
		GELLENS, ET AL., "Primary structure and functional expression of hte human cardiac tetrodotxin-insensitive voltage-dependent sodium channel," Proc. Natl. Acad. Sci USA 89;554-558, January 1992.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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